

IN THE CLAIMS:

Please amend the claims as follows:

1. (twice amended) A fuel additive dispensing system, comprising:

a housing, adapted to be affixed to a fuel dispenser having a fuel dispensing hose;  
a hydraulic module, disposed at least partially within said housing, having a fluid input adapted to be coupled to at least one source of fuel additive and a fluid output flow adapted to be coupled to said fuel dispensing hose to introduce said additive into a stream of fuel delivered through said fuel dispensing hose;

control circuitry, coupled to said hydraulic module, for generating electrical control signals applied to said hydraulic module to cause a controlled amount of said additive to be released from said at least one source to flow through said fluid input and fluid output and into said fuel dispensing hose;


at least one sensor, coupled to said control circuitry and to said hydraulic module, for acquiring data reflecting actual operation of said hydraulic module over time;

processing circuitry, coupled to said at least one sensor, for comparing said data reflecting actual operation of said hydraulic module over time with data corresponding to target operation of said hydraulic module;

wherein said controlled amount of said additive is adjusted based upon [measurements of past performance of said hydraulic module] said comparison of data reflecting actual operation of said hydraulic module with said data corresponding to target operation of said hydraulic module.

21. (twice amended) A method of dispensing a fuel additive, comprising:

- (a) coupling a fluid input of a hydraulic module to a source of said additive;
- (b) coupling a fluid output of said hydraulic module to a fuel dispensing hose;
- (c) applying electrical signals to said hydraulic module to cause a controlled amount of said additive to flow from said source, through said hydraulic module, and into said stream of fuel flowing through said fuel dispensing hose;

- 
- (d) obtaining measurements of actual performance of said hydraulic module;  
(e) comparing said measurements of actual performance of said hydraulic module to target values;

wherein said controlled amount of said additive is adjusted based upon said [measurements of past performance] comparison of said measurements of actual performance of said hydraulic module to said target values.

---

\* \* \* \* \*

Pursuant to 37 C.F.R. § 1.121, "marked up" versions of the foregoing claims showing the amendments made thereto are reproduced on the following separate pages.

IN RE: APPLICATION S.N. 09/502,899  
STOUT ET AL.  
PRELIMINARY AMENDMENT ACCOMPANYING  
RULE 1.114 REQUEST FOR CONTINUED EXAMINATION OF APPLICATION

**“MARKED-UP” CLAIMS PURSUANT TO 37 C.F.R. § 1.121**

\* \* \* \* \*